


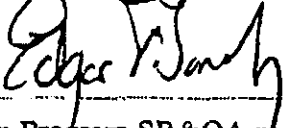


S&MA Mission Services Technical Directive

Control No: 0156-A	Org. Code: QD01	Project Code: C-LII-SMA	Contract #: NAS8-00179
Originator: QD01/Dan Mullane 		Date: 3-28-06	
COTR's Signature: QD01/David Spacek 		Date: 3-28-06	
Business Office Signature: QD03/ Linda Dinges 		Date: 3-28-06	
CO's Signature: PS33/ Edgar Sanchez 		Date: 3-28-06	
Subject: Constellation Program SR&QA requirements development, implementation planning and "preliminary" risk analyses (IFTA, IHA, and IPRA) support			
Note: <i>This Technical Directive supersedes TD-0156</i>			
<p>Task Description: HEI will provide leadership support for the development of the Level II PRACA Methodology document and the Level II FMEA/CIL Requirements document. HEI will also provide support as a team member for the development of the following Level II documents: SR&QA Plan, Integrated SR&QA Requirements, Hazard Analysis Requirements, PRA Plan, PRACA System Requirements, and Risk Management Plan. (PWS 3.4, 5.1.1, 5.2, 5.5.1, 6.1.1, 8.3, 10.1).</p> <p>HEI will support the development of SR&QA implementation strategies and/or plans for the Constellation Program. As part of this effort, HEI will provide consultation / recommendations regarding the establishment and implementation of Constellation's SR&QA Panels (e.g., Safety Panel(s) , R&M Panel, and Quality Panel and associated SR&QA processes.</p> <p>HEI will also participate in weekly SR&QA Panel meetings, and participate in milestone reviews (e.g., ICPR and SRR's).</p> <p>HEI will support the conceptual development of the Integrated Fault Tree Analysis and Integrated Hazard Analysis efforts.</p> <p>HEI will provide Risk Management implementation support such assisting in the identification of SR&QA risks.</p> <p>HEI will also perform SR&QA evaluations of Cx change requests, deviations and waivers.</p>			

This is considered a Special Study Technical Directive, pursuant to article H.7 of the contract entitled "Special Studies," subject to the following conditions:

This direction is consistent with the general scope of work set forth in the contract, does not constitute new assignments of work or change to the expressed terms, conditions or specifications incorporated into the contract, and does not constitute a basis for any increase in the contract fee or extension to the contract fee or extension of the contract delivery schedule. (b)(4)

(b)(4)

In the event of any exception, proceed with work under this directive, but promptly notify the contracting officer in writing within ten (10) days. Failure to notify the contracting officer will constitute acceptance by the contractor of the technical directive and all the conditions pertaining to its issuance.

The technical directive does not increase or obligate any additional funds for performance of the contract scope of work; therefore, nothing contained herein authorizes your incurrence of costs in excess of that presently authorized by the clause of this contract entitled "Limitation of Government's Obligation, or "Limitations of Cost," as applicable.

Deliverables:

Requirements applicable to the Level II SR&QA Programmatic Documentation.

Duration: Task effective through September 30, 2006

Report Progress To: S&MA Leads

Frequency of Report:
As required